

## REMARKS

The Applicant thanks the Examiner for the careful examination of this application and respectfully requests the entry of the amendments indicated hereinabove.

Claims 1 - 11 are pending and rejected. Claim 3 is cancelled, and Claim 1 is amended hereinabove.

Amended Claim 1 positively recites forming an implant region of a base contact region, wherein the base contact region is proximate an outer edge of the polysilicon definition structure. These advantageously claimed features are not taught or suggested by the patent granted to Malhi et al. or the Wolf article, either alone or in combination.

Malhi et al. teaches away from the advantageously claimed invention because Malhi et al. teaches that the emitter and collector are formed adjacent the definition structure (column 8 lines 42-45, and FIG. 8), while the base is formed outside the isolation region 39 and encircling the collector which surrounds the emitter (column 7 lines 21 – 25, column 8 lines 24-27, FIGS. 2-4, and 9 ).

Claim 11 is allowable for depending on allowable independent Claim 1 and, in combination, including the additional limitation that the spacer structure comprises a nitride. Combining Malhi et al. with Wolf does not teach or suggest the advantageously claimed invention because neither reference teaches the

formation of an implant region of a base contact region wherein the base contact region is proximate an outer edge of the polysilicon definition structure.

Therefore, the Applicant respectfully traverses the Examiner's rejection of Claim 1 and respectfully asserts that Claim 1 is patentable over Malhi et al. and Wolf. Furthermore, Claims 2 - 11 are allowable for depending on allowable independent Claim 1 and, in combination, including limitations not taught or described in the reference of record.

For the reasons stated above, this application is believed to be in condition for allowance. Reexamination and reconsideration is requested.

Respectfully submitted,



Rose Alyssa Keagy  
Attorney for Applicant  
Reg. No. 35,095

Texas Instruments Incorporated  
PO BOX 655474, M/S 3999  
Dallas, TX 75265  
972/917-4167  
FAX - 972/917-4409/4418